

Order 12690



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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D5160-1
Job Sheet 188935



12

Part No: D5160-1

Job Qty: 8 pcs

Part Name: Seat Brace Bracket



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/16/19

Job Tracking No:

Due Date: 1/19/19

Created By: Dara Macdonald

Type: SOLD

Description:

Note: DWG REV A IPP REV:A 14.10.02 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Waterjet - Flow - 1	8 pcs		1/19/19	0.00	0.57	Waterjet - Flow		dc 19/01/26
110	QC 2	8 pcs		1/19/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 38		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		dc 19/01/26
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 54		
							QC 2 - 56		
							QC 2 - 57		
							QC 2 - 62		

120	QC 8	8 pcs	1/19/19	0.00 0.00	QC 2 - 63	
					QC 2 - 8	
					QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 38	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	JAN 29 2019 68
					QC 8 - 67	9-89
					QC 8 - 1 (A)	
130	Small Fab - 2 - B4B	8 pcs	1/19/19	0.00 0.68	Small Fab - 1 - B4B	
					Small Fab - 2 - B4B	
					Small Fab - 3 - B4B	DAS
					Small Fab - 4 - B4B	36
					Small Fab - 5 - B4B	9-89
					Small Fab - 6 - B4B	
					Small Fab - 7 - B4B	
140	Small Fab - Brake NC - B4B	8 pcs	1/19/19	0.10 0.43	Small Fab - Brake - 1 - B4B	DAS 30 9-89
					Small Fab - Brake - 2 - B4B	
					Small Fab - Brake - 3 - B4B	
150	QC 5	8 pcs	1/19/19	0.00 0.00	QC 5 - 10	
					QC 5 - 12	
					QC 5 - 17	
					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	DAS
					QC 5 - 38	36
					QC 5 - 42	9-89
					QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
160	Powdercoat - 3 Grey Sand - B4B	8 pcs	1/19/19	0.00 0.07	Powdercoat - 1 - B4B	
					Powdercoat - 2 - B4B	BFB 19-02-06
					Powdercoat - 3 - B4B	
					Powdercoat - 4 - B4B	
170	QC 3	8 pcs	1/19/19	0.00 0.00	QC 3 - 10	
					QC 3 - 13	

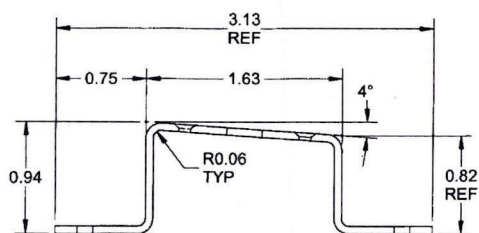
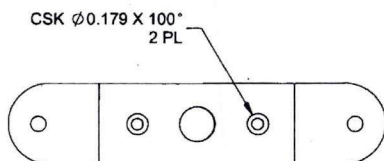
					QC 3 - 15	
					QC 3 - 17	
					QC 3 - 18	
					QC 3 - 2	
					QC 3 - 26	
					QC 3 - 28	
					QC 3 - 3	
					QC 3 - 30	
					QC 3 - 34	
					QC 3 - 36	
					QC 3 - 38	
					QC 3 - 41	
					QC 3 - 51	
					QC 3 - 58	
					QC 3 - 59	
					QC 3 - 6	DAS
					QC 3 - 68	FEB 06 2019 68
					QC 3 - 9	9-89
180	Packaging 3-1 - Stock - B4B	8 pcs	1/19/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	DAS
					Packaging 3 - 3 - B4B	6 FEB 07 2019
					Packaging 3 - 4 - B4B	9-89
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
190	QC 21 - SA	8 pcs	1/19/19	0.00 0.00	QC 21 - SA - 21	DAS
					QC 21 - SA - 70	21 FEB 07 2019
	Part Op 100 - (Waterjet - Flow) Descriptions: 110 - (QC2- Inspect parts off machine FAI/FAIB) 120 - (QC8- Inspect parts - second check)					

130 - (Small Fab)
 140 - (Bend/Assemble as per dwg)
 150 - (QC5- Inspect part completeness to step on W/Q)
 160 - (Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3) *START: 11:40 TEMP: 320° FINISH: 12:10*
 170 - (QC3- Inspect Part Finish)
 180 - (Identify as per dwg & Stock Location: _____)
 190 - (QC21- Final Inspection - Work Order Release)

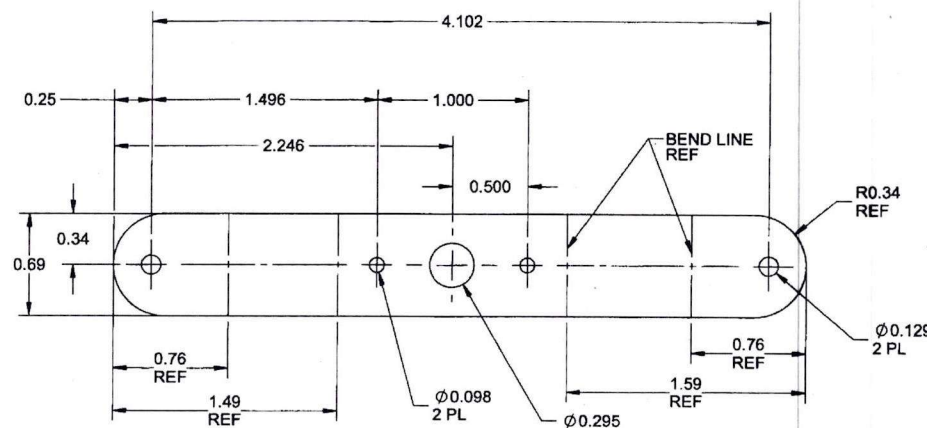
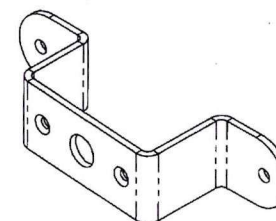
Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
M304S16GA	304/316 Sheet .063	.2240 sf (.028 ea)	100-Waterjet - Flow - 1	

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Waterjet - Flow - 1	M304S16GA	0	29	0

Part Specifications
Specifications could not be found.



D5160-1 SEAT BRACE BRACKET
(MAKE FROM D5160-1F)



D5160-1F SEAT BRACE BRACKET
(FLAT PATTERN)

NOTES:

- 1) MATERIAL -1F: AISI 304/316 ANNEALED STAINLESS STEEL SHEET 0.063 THICK
PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316)
OR ASTM A240 OR ASME SA240
REF DART SPEC. M304S16GA
- 1: MAKE FROM -1F
- 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5160-1" AND B/N BXXXXX
PER DART QSI 044 6.7
- 7) WEIGHT: 0.05 lbs

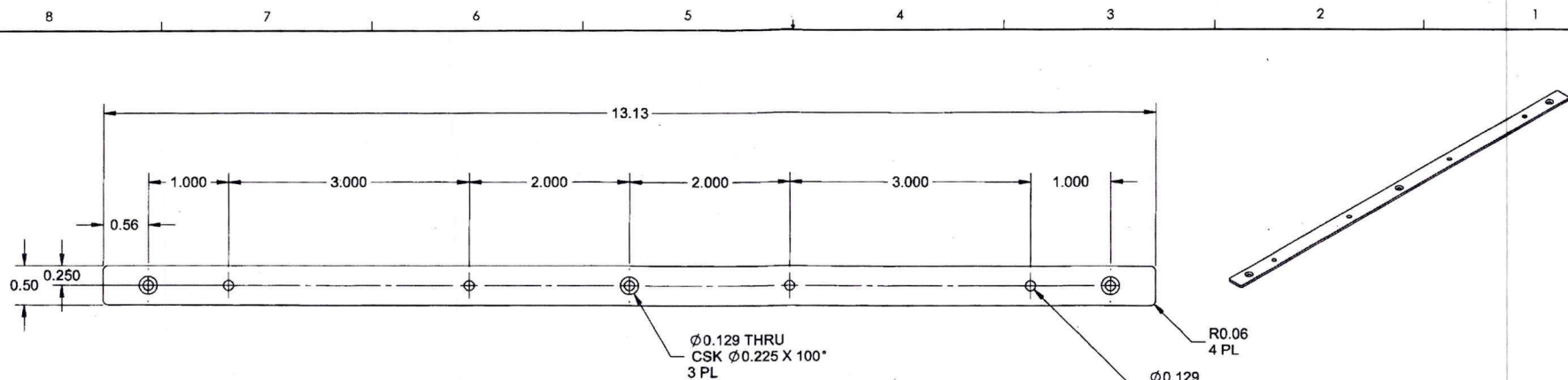
RELEASED

2015 FEB 04

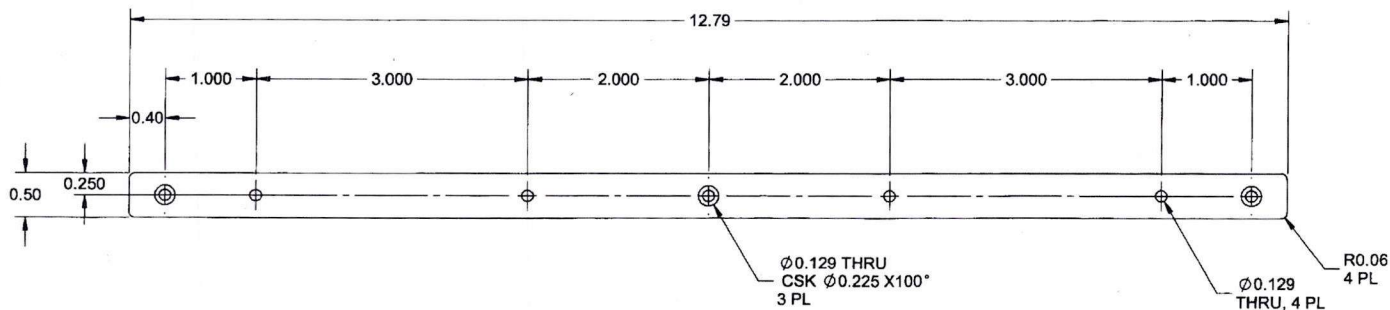
REN 15-522 9

APPROVED

A		NEW ISSUE		AJS	14.09.25
REV.		DESCRIPTION		BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. A	
DRAWN	AJS			SHEET 1 OF 2	
CHECKED	AP	DRAWING NO. D5160		SCALE	
MFG. APPR.	DD	TITLE		NTS	
APPROVED	HS	SHEET METAL PARTS 350 SEAT		DATE 14.09.25	
DE APPR.	DS				
DATE		COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			



D5160-3 SHIM



D5160-5 SHIM

NOTES:

- 1) MATERIAL -3: AISI 304/316 ANNEALED STAINLESS STEEL SHEET 0.063 THICK
PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316)
OR ASTM A240 OR ASME SA240
REF DART SPEC. M304S16GA
- 5: AISI 304/316 ANNEALED STAINLESS STEEL SHEET 0.188 THICK
PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316)
OR ASTM A240 OR ASME SA240
REF DART SPEC. M304S7GA
- 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5160-X" AND B/N BXXXXX
PER DART QSI 044 6.7
- 7) WEIGHT -3: 0.12 lbs
-5: 0.34 lbs

RELEASED

2015 FEB 04

APPROVED

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	AP	DRAWING NO. D5160	REV. A
MFG. APPR.	DD	SHEET 2 OF 2	
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	SHEET METAL PARTS 350 SEAT	
DATE	14.09.25	NTS	

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

188935

INSPECTION SHEET

DAS

68

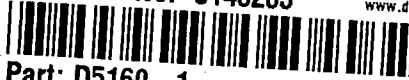
Date:

Revised by	
KJ	



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Email: sales@dartaero.com
www.dartaerospace.com

Container No: S148235



Part: D5160-1

Job No: 188935

Serial No/Batch: S148235

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 01/26/19